

5-1-1969

Clemson Commencement Program, May 1969

Clemson University

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Recommended Citation

University, Clemson, "Clemson Commencement Program, May 1969" (1969). *Clemson Commencement Programs*. 186.
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CLEMSON UNIVERSITY

Seventy-third Commencement

May 9, 1969

Clemson, South Carolina

Order of Exercises

11 A. M.

Littlejohn Coliseum

Selections by the University Band

Academic Procession

(Audience will please stand and remain standing for the invocation)

Invocation

The Reverend W. Eugene Copenhaver
Pastor, University Lutheran Church
Clemson, South Carolina

Address to Graduating Class

Mr. Jenkin Lloyd Jones
Editor and Publisher, Tulsa Tribune
Tulsa, Oklahoma

Authorization by the Board of Trustees

The Honorable Edgar A. Brown
President, The Board of Trustees

Conferring of Degrees and Delivery of Diplomas

Dr. Robert C. Edwards
President, Clemson University

Alma Mater

Benediction

(Audience will please be seated as graduates march out)

Music by the University Concert Band

Dr. John H. Butler, Director of Bands

Historical Statement

Clemson University is named for Thomas Green Clemson (1807-1888), who left the bulk of his estate to the State of South Carolina for the founding of the institution.

Thomas Clemson was born in Philadelphia in 1807 and educated at the Royal School of Mines in Paris (1828-1832). His early profession was that of a mining engineer; but circumstances diverted his interests into politics and the life of a Southern Planter, and he soon became an enthusiastic advocate of scientific agriculture. He had a career as a diplomat (charge d'affaires to Belgium, 1844-1852), and served as the first superintendent of agricultural affairs in Washington (1860). As a scientist he published numerous articles in the fields of mining, chemistry, and agriculture. His varied activities included his assistance in the founding of the Maryland Agricultural College, his support of the Morrill Act, his leadership in South Carolina after the Civil War, and his part in the founding of Clemson University.

Thomas Clemson was the son-in-law of South Carolina's John C. Calhoun, a political figure of national importance during the first half of the nineteenth century. Mr. Calhoun's home, Fort Hill, is preserved on the Clemson campus as a national shrine.

The academic program at Clemson College began in 1893 with an enrollment of 446. The first "college prospectus" announced only two four-year curricula, supplemented by two two-year preparatory courses. Today the University has eight major academic units. These are the College of Agriculture and Biological Sciences; the School of Architecture; the College of Arts and Sciences; the School of Education; the College of Engineering; the School of Industrial Management and Textile Science; the School of Nursing; and the Graduate School.

The institution is an accredited member of the Southern Association of Colleges and Schools; various curricula are accredited by the Engineers' Council for Professional Development, the American Chemical Society, the National Architectural Accrediting Board, and the Society of American Foresters.

Clemson is a Land-Grant Institution. As such, it is engaged not only in its primary academic program, but does extensive research at the main campus and at five agricultural experiment stations located in the state. The University is also heavily committed to a varied program of public service, including the work of agricultural extension which has professional personnel located in each of the state's counties.

CANDIDATES FOR ASSOCIATE AND BACHELORS' DEGREES

COLLEGE OF AGRICULTURE AND BIOLOGICAL SCIENCES

BACHELOR OF SCIENCE DEGREE

Agricultural Economics

Jonathan Leroy Bauer	Andrews	David Joel Jones, Jr.	Columbia
John Joseph Branton	Seneca	Leon Horace Langley, Jr.	Darlington
Stephen Lundy Chryst	Conway	John Morrison Rooks, Jr.	Jacksonville, Fla.
Joseph Charles Dawsey	Aynor	William Joseph Steele	Arlington, Va.
* Charles Russell Holland	Clinton		

Agronomy

* John Thomas Bozard	Cameron	Sanford Houck, Jr.	Ellore
** Richard Gaines Dobbins	Townville	David Allen Huckabay	St. Matthews
Delano Van Fraley	Florence	Stanley Jerome McElveen	Timmons

Animal Science

Thomas Elliott Bonnette, Jr.	Orangeburg	* Joe White Nickles	Donalds
Daniel Andrew Durfos	Fair Lawn, N. J.	Mitchell Myron Willoughby	Nichols
Gary Martin Hill	Flat Rock, N. C.		

Biology

Sarah Thomas Bierley	Lancaster	Paul Mackey Horton	Charleston Heights
Norman Leslie Burch, Jr.	Lake City	John Hugh McLaurin III	Dillon
John Emmett Cely	Columbia	*** Robert Noah Moore	Lexington
*** Charles Hill Courtney III	Albemarle, N. C.	Steven Jay Oxler	Charleston
Gerald Lyn Culler	Orangeburg	* Dudley Jones Raynal	Clemson
* John Stephen Culp	Fort Mill	William Patrick Riley	Barnwell
* Glen Gordon Daves	Summerville	* Johnny Boyd Sandifer	Orangeburg
* Thomas Wayne Ferguson	Graniteville	Virginia Dale Sarratt	Gaffney
* Joseph David Gangemi	Arden, Del.	Fredrick Ronald Scott	North Augusta
* William Kenneth Glenn, Jr.	Starr	John Duncan Sherer	Sharon
Aubrey Jay Gore, Jr.	Conway	Robert Edward Smyth	Riverton, N. J.
Tommy Monroe Hall	Vaughn	Pamela Anne Yockey Stevenson ..	Greenville
* Thomas Marion Hill	Union	* Cynthia Kay Warner	Clemson

Dairy Science

George Richard Cornwell	Lattimore, N. C.	Larry Edwin Long	Silverstreet
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Food Science

*** Keith Royal Parris	Spartanburg
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Forestry

James Patrick Bradley	Albany, Ga.	Allan Bowen Little, Jr.	Charlotte, N. C.
Gerald Eugene Brockenfelt	Charleston	Robert Lewis Little	Naples, Fla.
Robert Jordan Counts	Ocala, Fla.	* Dale Martin	Augusta, Ga.
John Douglas Koch	Jenkintown, Pa.	Robert Julius Phillips	Hampton
Robert Earle Lee, Jr.	Barnwell	John Leighton Porcher	Mt. Pleasant
Michael William Leonard	Poughkeepsie, N. Y.	Joseph Snowden Tyson	Charleston
		Derryl Leon Walden	Charleston

Horticulture

Stiles Mikel Harper, Jr.	Estill	Robert Roger Sherman	Signal Mountain, Tenn.
Ronald Allison McDaniel	Edgefield	Joseph Thompson Summer	Newberry

Poultry Science

James Robin Foy	Newberry	Donald Willis Odom	Columbia
Henry Tutt Hahn	Greenwood	* David Lewis Wicker	Pomaria

SCHOOL OF ARCHITECTURE

BACHELOR OF ARTS DEGREE

Pre-Architecture

Philip Washington Fairey III	Columbia	William Norton Skardon	Spartanburg
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BACHELOR OF ARCHITECTURE DEGREE

James Tremel Allen ----- Spartanburg
Philip Lester Anderson ----- North Augusta
Wade Hamilton Barber ----- Pickens
Ronald Firth Beck ----- Orlando, Fla.
* John Anthony Blackburn -- Kingsport, Tenn.
* Richard Albert Compton -- Falls Church, Va.
Clarence Wayne Crocker ----- Union
* Harold Eugene Davis, Jr. -- Memphis, Tenn.
Cecil Meredith Drakeford, Jr. ----- Sumter
* Gary Franceschi ----- Vineland, N. J.
Harry Charles Harritos ----- Savannah, Ga.
John Darnell Hartley ----- Rockville, Md.

Sallie McKenzie Jackson -- Myrtle Beach AFB
Thomas Clark Mozen ----- Decatur, Ga.
David Leon Narramore ----- Greenville
Kenneth Thomas Ricket ----- Greenville
Thomas Wesley Salmons III -- Havertown, Pa.
James Schettino ----- Norwalk, Conn.
Roger Norris Simmons ----- Greenwood
Fayette Louis Sims ----- Hartsville
Llewellyn Richard Stephens -- Reading, Pa.
John Carroll Stewart ----- Greenville
Kenneth Edward Whelchel -- ----- Gaffney
James Albert Yarborough ----- Miami, Fla.

BACHELOR OF SCIENCE DEGREE

Building Construction

Frederick Charles Bicksler ---- Sanatoga, Pa.
James Michael Brittain ----- Spartanburg
Ernest Clifton Brown, Jr. ----- Sumter
Langdon Hastings Dinkins ----- Sumter
Robert Dexter Frey, Jr. ----- Lancaster, Pa.

Ronald Wayne Garner ----- Gaffney
Charles Rucker Hipp, Jr. ----- Charleston
Larry Reed Kendall ----- Columbia
Donald Gene Lesley ----- Easley

COLLEGE OF ARTS AND SCIENCES

BACHELOR OF ARTS DEGREE

Larry William Abernathy ---- North Augusta
Marion Douglas Aldridge ---- North Augusta
John Manton Alford ----- Dillon
Stanley Boies Angle, Jr. ---- Kingsport, Tenn.
Dorothy Mae Ashford ----- Columbia
* Roderick Glen Ayers, Jr. ----- Nichols
Edwin Fleming Bailey ----- Summerville
* Fred Kenneth Baldwin ----- Taylors
Catherine Mary Ballas -----
----- Jacksonville Beach, Fla.
* Mary Nell Barker ----- Westminster
David Lee Baskin ----- Simpsonville
Harris Lewis Beach, Jr. ----- St. George
Lynda Helen Bethea ----- Cartersville, Ga.
* Lewis deVeaux Blake III ----- Belton
Kenneth LeRoy Chappell ----- Central
Toliver Davis Christopher, Jr. ----- Barnwell
David Ross Clarke ----- Greenville
Dale Thomas Cobb, Jr. -----
----- San Loenzo, Puerto Rico
Styles Furman Cobb ----- Starr
*** Shirley Ann Couch ----- Williamston
George Moore Covington III ----- Norway
Dan Carroll Crenshaw ----- Kershaw
David Lee Crenshaw ----- Kershaw
John Raymond Davey -- North Arlington, N. J.
William Earl Dean, Jr. ----- Greenville
** Martha Rozelle Dinwiddie ----- Clemson
Nancy Weill Dixon ----- Sumter
Stephen Newton DuBay ----- Lancaster
Kevin John Dyke ----- Alexandria, Va.
James Stephenson Eakes ----- Pendleton
John Emerson Enslen ----- Wetumpka, Ala.

John Fernandez ----- Elberton, Ga.
Ebb Horton Field III ----- Seneca
* Jonathan Brittain Floyd ----- Silverstreet
* Janet Kay Garrison ----- Johnston
William Joseph Gestrich, Jr. ----- Seneca
Edward Jerome Greene -- Spruce Pine, N. C.
* Sandra Leigh Hart ----- Wailhalla
** Dana Lewis Jackel ----- Atlanta, Ga.
Donald Stephen Kahler, Jr. ----- Kershaw
Delores Ann Kimes ----- Columbia
Evron Matt Laitala ----- Clemson
Jack Alibert LeGrand, Jr. ----- Winnsboro
* John Allen Martin ----- Anderson
Walter Davies Merry III ----- Columbia
Betty Smith Miller ----- Rome, Ga.
Charles Aaron Newton ----- Delta, Fla.
Frances Suzanne Clark O'Neal ----- Johnston
* Carolyn Skelton Patey ----- Charleston
Michael Yates Patterson ----- Easley
Sharon Lynne Planck ----- Eau Gallie, Fla.
Laura Elizabeth Pratt ----- Hampton
Wallace Edward Roberts ----- Anderson
Timothy Folk Rogers ----- Walterboro
* William Alan Rush ----- Greenville
Woodrow Geiger Senn, Jr. -- West Columbia
Dora Ellen Shelton ----- Central
Sharon Nathalie Skagseth ----- Columbia
†** David Errol Thompson -- Florence, Ala.
Ronald Adrian Thrower ----- Mt. Holly, N. C.
Harry Lee Tinsley III ----- Rock Hill
* James Ronald Vehorn ----- Anderson
Linda Ann Watts ----- Westminster
Paul Randall Wright ----- Spartanburg

BACHELOR OF SCIENCE DEGREE

Chemistry

John Nichols Adams ----- Asheville, N. C.
Denny Emile Black ----- Charleston
* Robert Fred Bock, Jr. ----- Clemson
Stephen Dewitt Bright ----- Greer

David Leroy Dean ----- Warrenville
* Richard Harold Gentry ----- Bishopville
** Richard Andrew Kaba -- Matthews, N. C.

Mathematics

*** Philip George Buckhiester ----- Piedmont
 Samuel Livingston Callicott, Jr. --- Ninety Six
 *** John Richard Crammer ----- Anderson
 * Tillman Wingfield Derrick, Jr. --- Fort Mill
 ** Daniel Edgar Duncan ----- Pageland
 * Wade Hardie, Jr. ----- Spruce Pine, N. C.
 Charles Irving Houston, Jr. ----- Charleston
 Jeffrey Jerome Lapin ----- Charleston
 Thomas Edward McClendon --- Riverdale, Ga.

David Hall Magathan, Jr. ----- Potomac, Md.
 * Jack Ernest Matson ----- Kensington, Md.
 ** John Davis Palmer ----- Clemson
 Linda Joyce Pruitt ----- Norfolk, Va.
 *** James Tompkins Ramey, Jr. --- Honea Path
 ** Danny William Turner ----- Smyrna
 Albert Weyman Way
 ----- St. Simons Island, Ga.

Physics

Robert Wellington Blackwell -- Travelers Rest
 * George Thomas Fabian ----- Charleston
 ** Waenard Livingston Miller, Jr. --- Greenville
 William Joel Millsap ----- Easley

Burnett Alexander Pettit, Jr. -- Baltimore, Md.
 * James Daniel Phillips ----- Greenville
 *** Charles Garrison Shirley, Jr. ----- Greer
 Ronald Eugene Speer ----- Abbeville

Pre-Medicine

John Julian Abbott ----- Sumter
 Rebecca Ballard ----- Easley
 David Michael Ballenger ----- Charleston
 * Carl Timothy Bessent ----- Baltimore, Md.
 William Earl Bishop, Jr. ----- Greenville
 * Edsel Dean Blair ----- Greenville
 * Horace William Bonekat --- Broomall, Pa.
 Frank Templeton Brown ----- Laurens
 Lewis Earle Brown ----- Ehrhardt
 * Max Vincent Bryant ----- Sumter
 John Elliott Carder ----- Front Royal, Va.
 James McCown Carroll ----- Florence
 * Joseph William Cullom ----- Allendale
 Brian Samuel Dantzler ----- Cameron
 Jerome Barlow Degen ----- Sumter
 * William Lee Dobbins, Jr. ----- Anderson
 * Edward Macdonald DuBose, Jr. --- Oswego
 John Frank Ellenburg, Jr. ----- Greenwood
 Lewis William Goldstein ----- Spartanburg

Irwin Goodman ----- Charleston
 * Rudolph Cole Harrington, Jr. --- Winnsboro
 David O'Neal Holman, Jr. ----- Timmonsville
 * Kenneth Allen Humphrey
 ----- Croton-on-Hudson, N. Y.
 * Gerard Charles Jebaily ----- Florence
 * Carl Henry Jones III ----- Great Falls
 Douglas Wayne Jones ----- Columbia
 John Conrad Malmgren --- Greensboro, N. C.
 ** Marshall Vance Marchbanks --- Clemson
 * John Luther Moore ----- Nichols
 * Charlie Kinchin Potts, Jr. ----- Columbia
 Norman Gardelle Rentz, Jr. ----- Varnville
 * Paul Belton Skinner, Jr. ----- Ware Shoals
 Robert Joseph Smith ----- Allentown, Pa.
 Robert Hoyle Snoddy, Jr. ----- Clemson
 William Lewis Weber ----- Union
 James Ryan White III ----- Walterboro
 Larry Carl Young ----- Hampton

SCHOOL OF EDUCATION

BACHELOR OF ARTS DEGREE

Elementary Education

Sharon Joan Carrington ----- Greenwood
 Martha Ann Dobbins ----- Fountain Inn
 Cheryl Smoak Fox ----- Yoncos Island
 Jo Ellen Gill ----- Walhalla
 Margaret Ann Knight ----- Williamston
 Mary Ellen Knight ----- Greenville
 ** Jane Cobb Lane ----- Clemson
 Nancy Elizabeth Mills ----- Greenville

* Suzanne McCown Moore ----- Anderson
 Linda Gail Prichard ----- Westminster
 Helen Grace Smith ----- Lancaster
 *** Maryann Stackman ----- Columbia
 * Gloria Elizabeth Tate ----- Anderson
 Gloria Jean Thrasher ----- Anderson
 Olivia Hayes Williams ----- Rock Hill

Secondary Education

* Virginia Elizabeth Carroll --- Augusta, Ga.
 Sara Elizabeth Chapman ----- Pelzer
 Robert Milton Crain ----- Greenville
 * Edward Wallace Dickerson, Jr.
 ----- Spartanburg
 Kitty Sue Dill ----- Greenville
 Constance Louise Gilstrap --- Brevard, N. C.
 ** Patricia Anne Heller ----- Sandy Springs
 Edward Parker Holliday ----- Central
 ** Barbara Ann Hudgens ----- Greenwood
 Carrell Anne Hunter ----- Charlotte, N. C.
 * Laura Rogers Johnson ----- Clio
 William Ludwig Lacher ----- Greenville
 * Linda Jean Lanham ----- Clemson

Peggy Huckaby Mellichamp --- Toccoa, Ga.
 * Sandra Harper Mercier --- Copperhill, Tenn.
 ** Linda Curran Miller ----- Greenville
 James Fredrick Reames, Jr. ----- Bishopville
 Rutland Edward Riddle ----- Greenville
 Patricia Ann Seawright ----- Anderson
 ** John Kelley Segars ----- Bishopville
 Russell Edward Stiegel, Jr. --- Charlotte, N. C.
 * Stanley Hanks Thompson ----- Clemson
 John Fletcher Townsend, Jr. --- Bennettsville
 Gary Russell Warner ----- Salamanca, N. Y.
 Julian Ray Wates ----- Greer
 John Albert Woods ----- Syosset, N. Y.

BACHELOR OF SCIENCE DEGREE

Agricultural Education

(Agricultural Education is jointly administered by the College of Agriculture and Biological Sciences and the School of Education.)

*Harry Max DuBose ----- Myrtle Beach
Donald Daniel Durham ----- Piedmont
John Charles Horton ----- Kershaw
John Thomas Meehan, Jr. ----- Pendleton

James Walker Painter ----- Chesnee
Willie Durant Sansbury ----- Conway
James Thomas Shell ----- Fountain Inn
* Walley Anson Turner ----- Florence

Industrial Education

* Steward Lynwood Baylor ----- Kingstree
Eber Johnson Blackwood ----- Inman
John Douglas Edwards ----- Spartanburg
Gary Earl Gerhold ----- Pittsburgh, Pa.
William White Gregory III ----- Inman
Norman Anthony Howard ----- Landrum
David Guy Jackel ----- West Mifflin, Pa.
Gerald Morris Jennings ----- Ware Shoals
Roger Dayle Jolley ----- Columbus, N. C.
Odious Odell Knight II ----- Spartanburg

Micah John LaRoche III ----- Wadmalaw Island
Ray Ernest Linke ----- West Orange, N. J.
Milledge Galphin Murray ----- North Augusta
Charles William Patterson, Jr. ----- Simpsonville
Paul Joseph Posch ----- Delran, N. J.
Albert Richard Reid ----- Greenville
William Johnson Stevens, Jr. ----- Yorges Island
Richard Marvin Tucker ----- Enoree
Ronald Earl Whitmire ----- Marietta

Recreation and Park Administration

Philip David Ackerman ----- St. George
Helen Louise Bunch ----- Suffolk, Va.
Marshall Jethro Coleman, Jr. ----- Darlington
Robert Thomas Dennis ----- Rembert
Lamar Herman Entekin ----- Liberty
Eleanor Dion Fairey ----- Summerville
Edward Eric Freit, Jr. ----- Lakewood, N. J.
Robert Wesley Isenhour ----- Salisbury, N. C.
William Thomas Kissam ----- Statesville, N. C.
Alan Willis Kuester ----- Charlotte, N. C.
John Garnett Lawton III ----- York
John Crawford Lynn ----- Dillon

Tom Lee Murrell, Jr. ----- Kingsport, Tenn.
Alvin Benjamin Phillips, Jr. ----- Graniteville
Barry Carroll Robinson ----- Augusta, Ga.
Bruce Thomas Rush ----- Camden
Curtis Alan Shirer ----- Anderson
Marion Jackson Smith, Jr. ----- West Columbia
Terrell Parker Spence ----- Charleston
Craig Mercer Thomas ----- Georgetown
Ronald Adrian Thrower ----- Mt. Holly, N. C.
Robert Logan Wilder, Jr. ----- Sumter
Rosalind Marie Wright ----- Gastonia, N. C.

Science Teaching

Karen Robey Benedict ----- Clinton, Md.
James Michael Blackwell ----- Gaffney
* Becky Scott Carlton ----- Mullins
Richard Lee Coltman ----- Knoxville, Tenn.
Patricia Ellen Greenfield ----- Clemson

Helen Frances Hawkins ----- Central
Allen Marc Levine ----- Passaic, N. J.
Betty Chloe Lynn ----- Greenville
Michael Thomas Voiselle ----- Fairfield, Calif.

COLLEGE OF ENGINEERING

BACHELOR OF SCIENCE DEGREE

Ceramic Engineering

Harry Patterson Adams ----- Saluda
John McKay Burns ----- Macon, Ga.
James Gary Childress ----- Greenville

William Anthony Meister ----- Union City, N. J.
* Charles Norman Wilson ----- Worthington, Ohio

Chemical Engineering

Wayne Fulmer Addy ----- Columbia
Hugh Cook Brown, Jr. ----- McCormick
William Harold Bruggeman ----- Savannah, Ga.
*** Charles David Cooper ----- Winter Park, Fla.
David George Dempsey ----- Spartanburg
Marion Rollins DeWitt, Jr. ----- Darlington
** Richard Gready Fessler ----- Charleston
Joseph Judkins Forbes ----- Birmingham, Ala.
James William Hannah ----- Greer
* Howard Michael Herron ----- Dallas, Texas
Don Keith Johnson ----- Simpsonville
* Gary McDaniel Johnson ----- Greenville
* Michael Alan Lake ----- Jamestown
* David Randall Mayfield ----- Anderson

Jack Harris Mitchell III ----- Clemson
* Michael William Osborne ----- Camden
Owen Charles Robertson, Jr. -----
----- Bowersville, Ga.
George Christopher Rodrigues -----
----- Fayetteville, N. C.
** James Edward Salamony ----- Summerville
Ronald Edward Steele ----- Knoxville, Tenn.
* John Nixon Talbert, Jr. ----- McCormick
Henry Wedemeyer Theiling, Jr. ----- Charleston
** Allan James Thompson, Jr. ----- Charleston
Ray Morgan Thompson ----- Memphis, Tenn.
Richard Clark Walker ----- Pittsburgh, Pa.

Civil Engineering

Richard Allen Albers Mt. Pleasant
Neil Robert Baer Edgewater, Md.
John William Beeson Liberty
Ronnie Joe Catoe Kershaw
Robert Martin Dulin, Jr. Bowling Green
Paul Curtis Eckard, Jr.

----- Connelly Springs, N. C.
David Carmichael Fischetti -- Brooklyn, N. Y.
* William Jennings Ford, Jr. ----- Charleston
Kevin Henry Gartland ----- Arlington, Va.
* Oscar James Gilstrap ----- Seneca
David Charles Harris ----- North Charleston

Charles Barry Huckaby ----- Toccoa, Ga.
Evander Stephens Jones ----- Nichols
* Anderson Mills Kinghorn, Jr. ----- Beaufort
James Bigland Kinghorn, Jr. ----- Beaufort
* Robert Francis Martin ----- Greenville
James Michael Roach

----- Oklahoma City, Okla.
Douglas Randolph Rucker ----- St. Matthews
* Clark Aaron Smith ----- Madison
Dudley Bradwody Stone ----- Atlanta, Ga.
Steven Bradley Tipping ----- Salamanca, N. Y.
Gary J. Ziegler ----- Columbus, N. J.

Electrical Engineering

Earl Lewis Belcher, Jr.	Aiken
†† David Monroe Bell	Hartsville
* David Blanchard Bullard	Jackson
William Allen Crumpler	Myrtle Beach
William Rowley Dill, Jr.	Greenville
* Terrence Mitchell Easler	Greenwood
Lyle Wilson Fairey, Jr.	Orangeburg
John Edward Frederiksen ..	Toms River, N. J.
Donald Carl Fulmer	Wagener
Michael John Hillyer	Asheville, N. C.
* Howard McDonald Jones	Greenville
James William Jones, Jr.	Travelers Rest
* Philip Ervin Law	Columbia
* Robert Edward Lemacks	Charleston

* William Edward Miller ... Neptune Beach, Fla.
†*** Steve Julius Mitchem Wellford
†* Felix Joseph Nepveux IV Charleston
Edward Dominick Nicastri ... Orange City, Fla.
David Cummings Nusbickel, Jr.
..... Winter Park, Fla.
** Richard Albert Schmalz, Jr.

William Jeffrey Smith	Sudbury, Mass.
Edward Raney Stokes	Newberry
Charles Weldon Street, Jr.	Beaufort
†† James Everett Thomas	Florence
Dibbon Keith Walters III	Williamston
	Charleston

Industrial Engineering

James Alan Doss Chattanooga, Tenn.

David Downes Little III Spartanburg

Mechanical Engineering

Paul Jerry Barraco _____ Clintondale, N. Y.
Robert Coleman Blair, Jr. _____ Columbia
* James Edward Caldwell, Jr. _____ Belton
Julian Walter Davis II _____ Westminster
Bruce Miller Dixon _____ Clinton
** Alan Ray Franklin _____ Anderson
David Neal Gay _____ North Augusta

Charles Manly Harbin III Greenville
Donald Ray Kennedy Woodruff
Joel Robert Matthews Ft. Myers, Fla.
William Martin Orr Greenville
*** Donald Bissell Pounder

North Charleston
Russell Farran Smith Birmingham, Mich.

Metallurgical Engineering

Roy Charles Dunham -- Poughkeepsie, N. Y.
** Joseph Daniel Fickling -- Lancaster

Arthur Kenneth Fox Adams Run

SCHOOL OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE

BACHELOR OF ARTS DEGREE

Arts and Sciences

James Clyde Addison, Jr.	Allendale
Alman Lamar Buckalew	Columbia
Jerry Zack Campbell	Landrum
James Glenn Cantrell	Greenville
Robert Newton Church	Travelers Rest
Robert Barnwell Clarkson II	Sumter
James Paul Cromer, Jr.	Sumter
Henry Grady Denton, Jr.	Lancaster
Gordon Ray Edgin	Acton, Mass.
Charles Darrick Ethredge	Charleston
James Allen Ferguson, Jr.	Anderson
* Jamile James Francis, Jr.	Greenville
Donald Charles Frost, Jr.	Macon, Ga.
Alan Goldfarb	Miami Beach Fla.
Merritt Riggs Goodman, Jr.	Burlington, N. C.
Jeffrey Lynn Hawthorne	Mount Joy, Pa.
David Smith Humberd	Cleveland, Tenn.

Arthur Welling LaGrone, Jr.	Greenville
Henry Dean McAllister, Jr.	Barnwell
Marion Lee Manning	Calhoun Falls
* Larry Swain Merck	La France
Robert Arthur Moffatt	Anderson
Lawrence Terry Owen	Brevard, N. C.
Jonathan Henry Owings	Greenville
Richard Lee Roche	Gaffney
Frank Randall Schmidt	

Richard Brevard Skilton	New Hyde Park, N. Y.
Grover Clyde Stewart, Jr.	Maitland, Fla.
Joel Allen Strom	Anderson
* Milton Allen Toole	North Augusta
Walter McGee Welch, Jr.	Greenville
Thomas Asbury Wilson	North Charleston
	Anderson

BACHELOR OF SCIENCE DEGREE

Industrial Management

Vernon Wayne Andis	Mauldin	Dennis Leroy Joye	Charleston
Sam Morgan Barfield, Jr.	Seneca	Harvey James Kinder	Kingstree
Richard Preston Black	Anderson	George John Knight	Varnville
Ronald Lee Blasco	Bronx, N. Y.	Whitner Kilpatrick Livingston III	Mauldin
Norman Kevin Bryant	Rock Hill	David Wade Mayes	Aiken
Toby Gerald Chapman	Winnboro	Grover Eugene Myers III	Portsmouth, Va.
Harry Earl Childs, Jr.	Seneca	Obert Eugene Olson	Sunburg, Minn.
Jennings Bennett Collins	Greenville	Garry Curtis Phillips	Hartwell, Ga.
William Vinson Cummings	Spartanburg	Thomas Edward Pospisil	Bloomfield, N. J.
Benjamin Harold Cuttino, Jr. ..	Lithonia, Ga.	Walter Eugene Riggs	Madison, Ohio
Danny Ray Davis	Pelzer	John Howard Robuck	Spartanburg
Jesse Frank Dillard	Taylors	Roy Dayne Smith	Ninety Six
Paul Winfree Dowdy	Clemson	James Kirby Snead, Jr.	Greenwood
James Albert Dye	Anderson	Hampton Broadus Steedly, Jr.	Charleston
Calvin Lynn Farmer	Greenville	Theodore Henry Steiner	Pittsburgh, Pa.
Richard Lartique Garick	Orangeburg	John Hall Waddell	Hendersonville, N. C.
Beaufort Charles Hallman, Jr.	Denmark	Lawrence Reed Watson	Greenville
James Wallace Huckaby	Roebuck	Fredrick Donald Welch, Jr.	Columbia
Tony Allen Jones	Charleston Heights	Larry Franklin Whitfield	Anderson
Thomas Leland Jones	North Augusta	Danny Ray Wilson	Fort Mill
Robert McGee Jordan	Hartsville	Ronald Allen Wingard	Lexington

Textile Chemistry

** Terry Kenneth Anderson ..	Edwardsville, Ill.	Thomas Jones Clayton	Campobello
* James Edward Bostic, Jr.	Bennettsville	George Albert Todd, Jr.	Asheville, N. C.

Textiles

William Thomas Jackson	York	* Ronald James Small	Bethune
Vernon Alton Robbins, Jr.	Rock Hill	Donny Lee Smith	Rock Hill
* William Milton Sibley	Rock Hill	Ronnie Alton Smith	Honea Path

SCHOOL OF NURSING

ASSOCIATE IN ARTS DEGREE

Nursing

Elizabeth Ann Blackmon	Bowersville, Ga.	* Judith Babb Davis	Greenwood
* Sarah Josephine Blackmon	Greenville	Sandra Ann Dossey	Sumter
* Carolyn Faye Bratcher	Belton	Harriet Ann Hall	Anderson
* Martha Karen Buckner	Union	Nancy Luellen Hicks	Aiken
* Victoria Gidaro Caldwell	Spartanburg	Mary JoAnne Knight	Honea Path
** Brenda Marcine Calloway	Forest City, N. C.	Wanda Gail Mason	Anderson
Judy Cleveland	Elberton, Ga.	* Susan Rebecca Tyndall	Clemson
Alice Lorraine Culbertson	Honea Path	Sandra Jean Yeargin	Elberton, Ga.

* With honor

** With high honor

*** With highest honor

†With departmental honors

CANDIDATES FOR MASTERS' DEGREES

COLLEGE OF AGRICULTURE AND BIOLOGICAL SCIENCES

MASTER OF SCIENCE DEGREE

Agricultural Economics

Dan Lucien McLemore ----- Surrency, Ga. Kimrey Dayton Newlin ----- Liberty, N. C.

Animal Science

Daniel Edward Ramage ----- Pittsburgh, Pa.

Entomology

Howard Roy Harris ----- Queens, N. Y.

Horticulture

Mack James Fleming ----- Charleston

Plant Pathology

Christopher Randall Freeman ----- Sumter William Timothy Mercier --- Blue Ridge, Ga.

Zoology

Herbert DeWitt Blackwood ----- Spartanburg Mary Lang Olson Edwards ----- Greenville

COLLEGE OF ARTS AND SCIENCES

MASTER OF ARTS DEGREE

English

Mary Sue Jones ----- Taylors

MASTER OF SCIENCE DEGREE

Chemistry

Samuel Jones Price III ----- Birmingham, Ala.

Mathematics

Amos Trice Brown, Jr. ----- Levittown, Pa. Donald Robert Russell ----- Greenville
Richard Bryan Evans ----- Ridgewood, N. J. Billie Ben Smith, Jr. ----- Shreveport, La.
Charles Jeffrey Reese ----- Rock Hill John Lee Wilkins ----- Athens, Ga.

Physics

James Edward Payne ----- Chase City, Va. Forrest James Woods ----- Brookfield, Ill.

SCHOOL OF EDUCATION

MASTER OF AGRICULTURAL EDUCATION DEGREE

(Agricultural Education is jointly administered by the College of Agriculture and Biological Sciences and the School of Education.)

Jack Percy Corn ----- Mauldin

MASTER OF EDUCATION DEGREE

Mary Helen Bennett Acker	Greenville	Wilma Smith Murphree	Walhalla
Donald Houston Batson	Easley	Allene Coker Peden	Greenville
Edna Coker Bush	Easley	Jean Underwood Phillips	Walhalla
Kathie Robbins Butler	Rock Hill	George Wyatt Thompson	Anderson
Mary Gillespie Fowler	Greenville	Annie Stephens Tribble	Anderson
Lillian Brown Glenn	Anderson	Edith Wiles Williams	Anderson
Elizabeth Lynch Lashley	Rock Hill		

COLLEGE OF ENGINEERING

MASTER OF SCIENCE DEGREE

Ceramic Engineering

Martin Milner Cooper	Thomasville, Ga.	John Michael Jenkins	Montgomery, Ala.
Erik Francis Croen	Asheville, N. C.	Christian Dallas Talbert	Venice, Fla.
Donald Lee Hindman	Walhalla		

Chemical Engineering

Rudolf Othmar Friederich	Mobile, Ala.	Hermogenes Moreno	
			Puerto San Jose, Guatemala

Civil Engineering

Sheong San Liao	Taipei, Taiwan	Leo Richard Smith	Cheyenne, Wyo.
Chuan Chung Lin	Taipei, Taiwan		

Electrical Engineering

Luther Lee Joyner	Savannah, Ga.	David Oliver Ward	Kingstree
William Ray Sutton	Myrtle Beach		

Engineering Mechanics

William Jacob Craft	Rutherfordton, N. C.
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Water Resources Engineering

William Harold Allen	Waynesville, N. C.	Donald Hugh Higgins	Asheville, N. C.
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SCHOOL OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE

MASTER OF ARTS DEGREE

Economics

Samuel Jacob Montgomery	Chappells
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MASTER OF SCIENCE DEGREE

Industrial Management

Ben Terry Clark III	Charleston	Perry McCallum Parrott, Jr.	Greenville
James Wilton Orr	Greenville	Brent Eric Zepke	Haddonfield, N. J.

Textile Chemistry

Warren Sumner Perkins	Elloree
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Textile Science

Woodrow Parker Greene	Marion, N. C.
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CANDIDATES FOR DOCTORS' DEGREES

COLLEGE OF AGRICULTURE AND BIOLOGICAL SCIENCES

DOCTOR OF PHILOSOPHY DEGREE

Agricultural Economics

Henry Cornelius Gilliam, Jr. ----- Raleigh, N. C.
B.S., M.S., North Carolina State University
Dissertation: An Analysis of the Valuation of Agricultural Land in Cotton-Producing Areas of the South Carolina Coastal Plain

Agronomy

Jerry Clyde Walker ----- Pharr, Texas
B.S., Pan American College
Dissertation: Effects of Trifluralin and Inorganic Salts on the Growth of Seedling Cotton

COLLEGE OF ARTS AND SCIENCES

DOCTOR OF PHILOSOPHY DEGREE

Chemistry

Frank Garnett Cowherd III ----- North Laurel, Md.
B.S., Duke University
Dissertation: Iron Pentacarbonyl Catalyzed Isomerization of Unsaturated Alcohols: The Mechanism of 1,3-Hydrogen Shifts

Randolph Bruce Huff ----- Clinton
B.S., Furman University; M.S., Clemson University
Dissertation: I. Reactions of Hydrogen Chloride Gas with Solid 1,10-Phenanthroline and 2,2-Bipyridine Transition Metal Compounds II. Reactions of Hydrogen Chloride Gas with Solid beta Diketone Copper (II) Compounds

Billy Thomas Upchurch ----- Rocky Mount, N. C.
B.S., North Carolina Wesleyan College; M.S. Clemson University
Dissertation: A Study of the Alkaline Earth Chelates, of the Optically Active trans-Cyclopentane-1,2-diaminetetraacetic Acid

Mathematics

Harold Braun Reiter ----- New Orleans, La.
B.S., Louisiana State University; M.S., Clemson University
Dissertation: On Embeddings of Topological Spaces in a Product of Real Number Line

Arthur Godwin Sparks ----- Brooklet, Ga.
B.S., Georgia Southern College; M.Ed., University of Georgia; M.A., University of Florida
Dissertation: Intersections of Maximal Ln Sets and the Generalized Convex Kernel

Physics

Thomas Lee Ferrell ----- Anniston, Ala.
B.S., Auburn University
Dissertation: The Equation of Motion for a Particle in an Arbitrary Gravitational Field

Robert Riggs Marchini ----- Antioch, Ill.
B.S., DePaul University
Dissertation: Energy Gap Measurements in Thin Superconducting Films

John Thaddeus Rompala ----- Chicago, Ill.
B.S., DePaul University
Dissertation: A Nuclear Scattering Theory

COLLEGE OF ENGINEERING

DOCTOR OF PHILOSOPHY DEGREE

Engineering

John Lyall Taggart ----- Clarksville, Md.

B.S., Tri-State College; M.S., Carnegie Institute of Technology

Dissertation: Gradient Optimization Techniques and the Economic Dispatch Problem (Field of Specialization: Mechanical Engineering)

SCHOOL OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE

DOCTOR OF PHILOSOPHY DEGREE

Engineering Management

Donald Lee Haney ----- Decaturville, Tenn.

B.S., Massachusetts Institute of Technology

Dissertation: A Statistical Interpretation of the Shift-Share Technique and Its Application to Multi-stage Regional Analysis

Joseph McRae Mellichamp ----- Toccoa, Ga.

B.I.E., Georgia Institute of Technology

Dissertation: A Model for Estimating the Secondary Benefits to a Regional Economy Resulting from Development of a Water Resource

Awards

NORRIS MEDAL

First awarded at Clemson University in 1908, the Norris Medal was established under the terms of the will of the Honorable D. K. Norris, a life trustee of this institution. The Medal is given each year to the graduating student who, on the basis of exceptional scholastic achievement and leadership ability, is judged by the University Committee on Honors and Awards to be the best all-around student.

All winners of the Norris Medal have their names fixed to a bronze plaque mounted in the front entrance of Tillman Hall.

WINNER OF THE NORRIS MEDAL FOR 1969

Charles David Cooper
Winter Park, Florida

FACULTY SCHOLARSHIP AWARD

Established at Clemson University in 1959, this award is made annually by the Faculty of Clemson University to the member of the Graduating Class with the highest Scholastic Achievement.

All winners of the Faculty Scholarship Award have their names fixed to a bronze plaque mounted in the front entrance of Tillman Hall.

WINNER OF THE FACULTY SCHOLARSHIP AWARD FOR 1969

Shirley Ann Couch
Williamston, South Carolina

Recipients of Honorary Degrees

HUGH PATE HARRIS

HUGH PATE HARRIS, President of The Citadel since 1965, is a retired General of the United States Army. A native of Anderson, Alabama, he graduated from the United States Military Academy in 1931. His distinguished career of thirty-four years of military service covered a wide range of assignments. Immediately preceding his retirement, he was Commanding General, United States Continental Army Command. During his tenure at The Citadel he has increased the offerings in graduate education at that institution and has contributed materially to educational progress at all levels in South Carolina.

CLARENCE HUGH HOLMAN

CLARENCE HUGH HOLMAN is a native South Carolinian who has devoted his life to education. He received his initial undergraduate degree from Presbyterian College and the Doctor of Philosophy degree from the University of North Carolina. He has served on the faculties of Presbyterian College and the University of North Carolina, including the office of Provost at the latter institution. He was the recipient of a Guggenheim Fellowship and is a member of numerous learned societies, including Phi Beta Kappa. Author of novels and of numerous educational and scholarly publications, he is recognized as an authority in the field of South Carolina and Southern literature.

JENKIN LLOYD JONES

JENKIN LLOYD JONES is Editor and Publisher of the **Tulsa Tribune**, Tulsa, Oklahoma. He graduated from the University of Wisconsin in 1933 and has been continuously engaged in the field of journalism since that date, except for a period of naval service during World War II. His weekly syndicated column published in newspapers throughout the country combines keen observation and human interest with a devotion to the basic values of American life. He has served as President of the American Society of Newspaper Editors and is the recipient of the William Allen White Award for distinguished journalism. He is President of the United States Chamber of Commerce.

HUBERT BOND OWENS

HUBERT BOND OWENS is a distinguished landscape architect, educator, lecturer and author. A native of Georgia, he received the Bachelor of Science and Master of Arts degrees from the University of Georgia. He has done advanced graduate study at Cornell University, Columbia University, and Harvard University, and is a member of numerous honorary and professional societies. He is the author of fourteen books and many articles and monographs. He was the first Chairman of the Georgia Board of Landscape Architecture and Environmental Design at the University of Georgia.

WILSON ALVIN REEVES

WILSON ALVIN REEVES is a Textile Scientist and Chief of the Cotton Finishers Laboratory, United States Department of Agriculture, in New Orleans. He received his undergraduate degree from the University of Southwestern Louisiana and his Master's degree in chemistry from Tulane University. He is a pioneer in the development of flame-retardant materials and has contributed significant research in this field. He holds many patents in textile processing and is the author of numerous papers and publications on textiles. His extensive memberships in professional societies include the American Chemical Society and the Gulf Research Committee of the American Association of Textile Chemists and Colorists, of which he is Chairman.

Emeritus Professors

A faculty member who has a minimum of fifteen years academic service, ten of which has been at Clemson, and who is on active status at Clemson when he reaches retirement age, is awarded the title "Emeritus." During the 1968-1969 year this title has been earned by two professors:

HOWARD LOUIS HUNTER, Dean of the College of Arts and Sciences and Professor of Chemistry, joined the Clemson University faculty in 1928 as an Assistant Professor of Chemistry. He received his Bachelor of Chemistry and Doctor of Philosophy degrees from Cornell University and later did post-doctoral work at the Massachusetts Institute of Technology. From 1931-32 he served as Acting Head and Professor of Textile Chemistry and Dyeing. He was made Dean of the School of Chemistry and Geology in 1947; and when Chemistry and Geology were made a Department of Arts and Sciences in 1955, he was made Dean of the College of Arts and Sciences. He served four years during the Second World War in the Chemical Warfare Service, stationed at Massachusetts Institute of Technology, and retired with the rank of Lieutenant Colonel. He has been a member of Phi Kappa Phi, Sigma Xi, a fellow of both The American Institute of Chemists and the American Association for the Advancement of Science, also a member of the American Chemical Society, The South Carolina Academy of Sciences, The Blue Key, Tiger Brotherhood, Alpha Chi Sigma, and various other organizations. He was the first representative of Clemson University on the Council of Oak Ridge Institute of Nuclear Studies and has continued to serve in this capacity until his retirement.

HUGH HARRIS MCGARITY, Professor of Music, joined the Clemson faculty in 1946. He was promoted to Professor in 1961. A native of Athens, Georgia, Dr. McGarity received the degrees of Bachelor of Fine Arts and Master of Fine Arts from the University of Georgia, after which he became a member of the Clemson faculty. The Doctor of Philosophy degree was conferred by The Florida State University. Dr. McGarity served as Band and Glee Club director at Clemson University and has been active in musical activities in the Clemson area. Among his best known compositions is the music of the Clemson University Alma Mater.